



# Department of Environmental Protection

New Jersey Statewide Greenhouse Gas Emissions Inventory Update: 2005, 2006, and 2007 Estimates (2009 Edition)

**Table 1. Estimated NJ Greenhouse Gas Emissions, 1990, 2005, 2006, 2007 (100-year GWP)**

Values are in million metric tons CO<sub>2</sub>e.

SECTOR	1990	2005	2006	2007	Notes
<b>ENERGY</b>					
Commercial	10.7	10.8	9.2	10.6	
Industrial	19.8	17.3	16.3	15.9	
Residential	15.2	16.3	13.7	15.6	
<b>Transportation</b>					
On-Road Gasoline	28.9	38.0	38.1	39.0	
Distillate	5.57	10.78	10.77	11.4	
Jet Fuel	1.0	1.0	1.0	1.0	*1
Residual Fuel	1.0	0.87	0.81	0.8	*2
Other	0.36	0.28	0.25	0.3	
<b>Electricity</b>					
In-State Electric	12.4	19.8	18.5	22.7	*3
Imported Electric	14.1	13.1	11.7	11.9	
MSW Incineration	n/a	0.8	0.8	1.0	



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<b>NON-ENERGY</b>					
Halogenated Gases (excl. SF <sub>6</sub> )	0.02	2.9	3.0	3.1	
SF <sub>6</sub>	0.95	0.3	0.3	0.3	
Agriculture	0.6	0.5	0.5	0.5	*4
Natural Gas Transmission & Distribution	2.5	2.4	2.6	2.6	*4
<b>Landfills</b>					
In-State	11.7	3.6	3.5	3.5	
Out-of-State	2.6	1.3	1.3	1.3	
Industrial	1.1	0.3	0.2	0.2	
POTWs	0.5	0.5	0.5	0.5	*4
Released through Land Clearing	1.1	1.1	1.1	1.1	*4
Other Industrial and Non-Fuel Related	0.3	0.1	0.1	0.1	*4
<b>TOTAL GROSS EMISSIONS</b>	130.4	142.1	134.4	143.4	
<b>Sequestered</b>	-7.5	-6.7	-6.7	-6.7	*5
<b>TOTAL NET EMISSIONS</b>	122.9	135.4	127.7	136.7	

This is an archived document. To find the most recent edition of the Greenhouse Gas Inventory visit, [www.state.nj.us/dep/aqs/oce-ghgei.html](http://www.state.nj.us/dep/aqs/oce-ghgei.html)



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## Notes:

Reference 1 is NJ GHG Inventory & Reference Case Projections 1990-2020, NJDEP, Nov. 2008

All numbers are estimates; uncertainty of totals is likely in range of plus or minus 5 percent

\*1 set equal to 1 MMT in effort to account for in-state only

\*2 estimated to represent in-state only per methods of Ref. 1

\*3 1990 value from Ref. 1, includes MSW incineration.

\*4 2005 value from Ref. 1; 2006, & 2007, assumed equal to 2005

\*5 1990 value from Ref. 1

MSW - municipal solid waste

SF<sub>6</sub> - sulfur hexafluoride

T&D - transmission and distribution

MMT - million metric tons

POTW - Publicly Owned Treatment Works

CO<sub>2e</sub> - carbon dioxide equivalent

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